

CHAPTER 30A ELEVATOR AND CONVEYING SYSTEMS

SECTION 3001A GENERAL

Add new Section 3001.5 to read as follows:

3001.5 Shop Drawings: Shop drawings shall be submitted with the application to the code official bearing the signature and seal of the designer, manufacturer, or contractor who designed the system. For new construction, the include shop drawing stamp from the office of the architect/engineer of record with action noted before the work is begun. Shop drawings shall locate and specify:

1. Capacity and car speed of the installation;
2. Top and bottom over-travel;
3. Weight of the complete car;
4. Car-controlling device or mechanism;
5. Electrical protective devices, including automatic shutdown devices;
6. Existing and proposed types of fire suppression systems;
7. Type of limit switches or other terminal stopping devices;
8. Diameter of the sheaves;
9. Size, number and material of all wire ropes;
10. Type of over-speed governor and safety;
11. Overhead and pit clearances;
12. Type of buffers and manufacturer's number;
13. Thickness and quality of the machine slab or machine room floor;
14. Weight of the machine if mounted overhead;
15. Material, quality and spans of overhead supporting members;
16. Complete load reactions on building structural supporting members;

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17. Construction of the machine room and hoistway enclosure including all HVAC equipment, hoistway landings with landing doors, where any or all parts are used, are to be repaired, or that may be affected;
18. Access provided for inspection and maintenance;
19. Location and dimensions of mazes, gates, guards, screens, and railings to control access and egress to manlifts;
20. Elevator electrical characteristics and configuration;
21. Construction requirements and temporary hoistway structural requirements, excluding construction means, methods, and techniques.